

Instructions: Bold fields must be completed.

Station Summary		
Waterbody Name WEST FORK KICKAPOO RIVER	Waterbody ID Code 1187900	Sample ID (YYYYMMDD-CY-FD) 201610196313

Sampling Location 30 m upstream of confluence with Kickapoo R.	Database Key 142720949
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SWIMS Station ID 633058	SWIMS Station Name KICKAPOO RIVER WEST FORK - SE1/40FNW1/4 SEC.33
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Latitude 43.47609	Longitude -90.74167	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) LOWER WISCONSIN	Watershed Name WEST FORK KICKAPOO RIVER	County VERNON
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Sample and Site Descriptors	
Sample Collector (Last Name, First) MICHAEL MILLER	Project Name KICKAPOO AND LITTLE WILLOW RIVER MACROINVERTEB

Sampling Device

D-Frame Kick Net
 Surber Sampler
 Eckman
 Ponar
 Artificial Substrate
 Hess Sampler
 Other: _____

Habitat Sampled

Riffle
 Run
 Pool
 Other
 Shoreline Composite
 Proportionally-Sampled Habitat
 Littoral Zone
 Profundal Zone
 Wetland

Total Sampling Time (min) 15	Estimated Area Sampled (m²) 0.5	Number of Samples in Composite —	Replicate No. _____ of _____
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: _____

Water Temp. (C) 13.2	D.O. (mg/l) 10.6	D.O. (% sat.) 104	pH (su)	Conductivity (umhos/cm) 536	Transparency (cm) 100
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Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.75	Average Stream Width of reach (m) 13
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): _____
 Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: 100
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (____): _____

Embeddedness of Substrate at Sample Site (%) 0 **Canopy Cover at Sample Site (%)** 40

Stream and Watershed Descriptors

N = Not a problem
 U = Uncertain
 PL = Present, Low Impact
 PH = Present, High Impact

Factors that may be influencing Water Resource Integrity		Local	Water-shed	Factors that may be influencing Water Resource Integrity		Local	Water-shed
Biological				Chemical			
Algae: - Diatoms / Periphyton				Chlorine			
- Filamentous Algae				Dissolved Oxygen			
- Planktonic Algae				Nutrients (P, N...)			
Iron Bacteria				Toxics: - Inorganic (Metals)			
Macrophytes				- Organic (PCBs, pesticides...)			
Slimes				Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
				Bank Erosion			
				Point Source - Specify:			
				Pasturing of Livestock			
Physical				Runoff: - Barnyard			
Bank Erosion				- Construction			
Channelization: - Upstream				- Cropland			
- Downstream				- Urban			
Hydraulic Scour / Channel Incision				Septic Systems			
Impoundment: - Upstream				Tile Drainage - Organic Soils			
- Downstream				- Mineral Soils			
Low Flow				Springs			
Sedimentation				Tributary(s)			
Sludge				Wetland			
Thermal				Other - Specify:			
Turbidity							
Other - Specify:							

Comments *Streambed 100% sand. Sampled overhanging vegetation.*

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Andrew Kohlmann</i>	Taxonomist <i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted <i>13%</i>
Date Processed <i>3/27/17</i>	Specimens Saved <i>Subsample archived in ARL under Sept 28 20</i>	

A3-67

D1-137

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name W. Fork Kickapoo	Waterbody ID Code 1187900	Sample ID (YYYYMMDD-CY-FD) 2016/019-63-13
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Sampling Location
30 m upstream of confluence with Kickapoo River

SWIMS Station ID 633058	SWIMS Station Name West Fork Kickapoo R	Database Key
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Latitude 43.47609	Longitude -90.74167	Lat/Long Determination method (circle) SWIMS SWDV GPS	Datum Used if using GPS NAD 27 or NAD83
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Basin (WMU)	Watershed Name Kickapoo River	County Vernon
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Sample and Site Descriptors

Sample Collector (Last Name, First)	Project Name
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Sampling Device

Kick Net Surber Sampler Eckman
 Ponar Artificial Substrate Hess Sampler Other: D-frame

Habitat Sampled

Riffle Run Pool
 Other Shoreline Composite Proportionally-Sampled Habitat
 Littoral Zone Profundal Zone Wetland

Total Sampling Time (min) 15	Estimated Area Sampled (m²) 0.5	Number of Samples in Composite —	Replicate No. _____ of _____
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 Control Site Trend Other:

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Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: 100

Aquatic Macrophytes: _____ Leaf Snags: _____ Course Woody Debris: _____ Other (): _____

Embeddedness of Substrate at Sample Site (%) 0 Canopy Cover at Sample Site (%) 40

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Slimes				Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
Physical				Bank Erosion			
Bank Erosion				Point Source - Specify:			
Channelization - Upstream				Pasturing of Livestock			
- Downstream				Runoff: - Barnyard			
Hydraulic Scour / Channel Incision				- Construction			
Impoundment: - Upstream				- Cropland			
- Downstream				- Urban			
Low Flow				Septic Systems			
Sedimentation				Tile Drainage - Organic Soils			
Sludge				- Minerals soils			
Thermal				Springs			
Turbidity				Tributary(s)			
Other - Specify:				Wetland			
				Other - Specify:			

Comments:

River 100% sand-bottomed
sampled overhanging veg.

Special Instructions for Laboratory:

For Lab Use Only		
Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Date Processed	Specimens Saved	